**Math Methodology**

*For Teaching English Language Learners*

**PDERI Event ID 1514 – 3 Credits (IAPS Approved)**

**Purpose:** To give teachers of K-8 ESL students a better understanding of mathematics and alternative ways of teaching mathematics. See page 2 for more information about the course and the instructor, Edwin Ginoza.

**Dates:** Mondays and Thursdays, February 2 to March 27, 2006. Portfolio due May 3.

**Time:** 3:45 to 5:45 p.m.

**Location:** Maui Community College, Laulima Building, Room 214.

**Cost:** None. It's Free!

**Inquiries:** Contact Nancy Paek, Project BEACON Coordinator, at 956-3370 or email ypaek@hawaii.edu.

**Deadline:** Registration deadline is January 15, 2006. *Seating is limited; so pre-register and register early!*

**Priority:** Maui District Teachers will be given enrollment priority.

**PRE-Registration Instructions:**
1. Duplicate the form for each registrant.
2. Complete all sections of the form (below).
3. Copy completed form(s) for your records.
4. Submit completed form (see instructions to the right).

**To submit completed form, fax to 956-3374 or mail to:**

WCCC-Project BEACON, College of Education
University of Hawaii at Manoa
1776 University Avenue, UA2-7
Honolulu, HI 96822

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**MATH METHODOLOGY FOR TEACHING ENGLISH LANGUAGE LEARNERS: PDERI EVENT 1514**

*Mondays and Thursdays, February 2 to March 27, 2006. Portfolio due May 3.*

**PRE-Registration Form - Complete all sections. Reminder: you must also register through PDERI.**

Name: ____________________________  Title: ____________________________

School: ____________________________  Number of ESL credits I currently have: _________

Home Address (# street): ____________________________  (city): ____________________________  (zip): ____________________________

Phone (work): ____________ (home): ____________  Fax: ____________  Mobile: ____________

Email: ____________________________

Please include your email address because we use email as the primary communication mode to send confirmation and other information. If you do not use email or your account will be inaccessible, then write "none" in the above space.

For disability accommodations check here ☐ and describe: ____________________________

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**Disclaimer:** By submitting a completed pre-registration form, you grant permission to College of Education staff to photograph and/or videotape you, and to use without compensation your likeness in future project-related publications regarding the workshop or related activities. Information provided on this form will remain confidential as allowed by law. The sponsoring project reserves the right to cancel the course if minimum registration count is not met. Flyer revised: 01/11/06.
ABOUT THE COURSE

Course Objectives:
1. To help teachers better understand the properties of numbers and be able to apply those properties to new situations.
2. To have teachers understand the interrelationships between concepts that will give students a more comprehensive view of mathematics.
3. To teach teachers different approaches to teaching mathematics including but not limited to combining the use of language with mathematics.
4. To provide strategies on how to accommodate English Language Learners in understanding mathematical concepts or skills.
5. To provide teachers with techniques in communicating their work.
6. To provide teachers with techniques that will lead students to think ‘outside the box’ when problem solving.
7. To help teachers understand the concept of reflection to improve their teaching.

Course Activities and Requirements:
Class sessions include a variety of instructional procedures including class discussions, group activities, lectures, practice worksheets, demonstrations, experiments, and student presentations of lessons. Participants will plan and implement two standards-based lessons, maintain reflective logs, and submit a Learning Results Portfolio that indicates whether professional development has had an impact on student learning.

The Learning Portfolio will reflect an expanded knowledge base of the participants as demonstrated by pre- and post-evaluations and completed assignments that show evidence of their understanding of the concepts. It will include:
- two standards-based lesson plans adapted for English Language Learners,
- teacher’s reflection on the implementation of the lesson plans and accommodation strategies with regards to English Language Learners,
- six examples of student work with captions for each lesson plan, and
- a daily log of reflections.

ABOUT THE INSTRUCTOR
Edwin Ginoza has a BA in chemistry, minors in physics and mathematics, and an MA in Education and 30+ years of teaching experience. He has won numerous awards in teaching including State Teacher of the Year in 1988 and Disney’s American Teacher Award.